

10/591177

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
 Shintaro KUDO et al. : **Mail Stop: PCT**
 Serial No. NEW : Attorney Docket No. 2006_1257A
 Filed August 30, 2006 :

IMAGE DECODING DEVICE AND
 IMAGE ENCODING DEVICE
**[Corresponding to PCT/JP2005/014112
 Filed August 2, 2005]**

THE COMMISSIONER IS AUTHORIZED
 TO CHARGE ANY DEFICIENCY IN THE
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 ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____;
 and/or
- ☐ each reference previously cited in prior parent application Serial No.
 _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the
 above-entitled application, **or**

ATTACHMENT "D"

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before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
 - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☐ the concise explanation contained in the specification of the present application at page,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:
- U.S. Patent Application Publication No. 2001/0036320 corresponds to JP 2001-275110; and**
- U.S. Patent Application Publication No. 2004/0247190, EP 1 432 249 and WO 03/030556 correspond to JP 2003-304538.**
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Shintaro KUDO et al.

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August 30, 2006

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: August 30, 2006

ATTY DOCKET NO.
2006_1257ASERIAL NO.
NEW

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APPLICANT
Shintaro KUDO et al.FILING DATE
August 30, 2006

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2001/0036320	11/2001	Tan et al.			
	AB	2004/0247190	12/2004	Hagai et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	2001-275110	10/2001	JP			Abstract
	AK	9-84005	3/1997	JP			Abstract
	AL	2003-304538	10/2003	JP			Abstract
	AM	1 432 249	6/2004	EP			
	AN	03/030556	4/2003	WO			Abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Bontae Koo et al., "A PIPELINED LOW POWER ARCHITECTURAL MPEG-4 VIDEO CODEC CHIP WITH DEBLOCKING FILTER FOR MOBILE WIRELESS MULTIMEDIA APPLICATIONS", IEEE Proceedings 5th International Conference on ASIC 2003, October 21, 2003, vol. 2, pages 934-937.
	AP	Miao Sima et al., "AN EFFICIENT ARCHITECTURE FOR ADAPTIVE DEBLOCKING FILTER OF H.264/AVC VIDEO CODING", IEEE Transactions on Consumer Electronics, February 2004, vol. 50, Issue 1, pages 292-296.
	AQ	

EXAMINER

DATE CONSIDERED